

ABSOLUTELY ONE OF THE BEST PRODUCTS AT COMDEX!

THE BOARD THAT LETS USERS OF THE IBM PC RUN APPLE AND CP/M PROGRAMS

IT'S CALLED THE DIAMOND-3

The DIAMOND 3 is the first plug-in board that lets users of the IBM PC run both Apple and CP/M programs.

Developed by Diamond Computer Systems, the Diamond 3 is a highly sophisticated microcomputer for the price of a board. It has three processors - a Z 80A for CP/M, a 6502B for Apple mode and a separate 6502B display controller with software that even improves on the quality of Apple II screen output through interface scanning.

The Diamond 3 is available, at a suggested retail price of \$695

You may have seen some of our competition - there are boards that let you run CP/M on an Apple II, or Apple-DOS on an IBM PC, or PC-DOS on a CP/M machine, or CP/M on an IBM PC, or Apple-DOS on CP/M machines. But no one runs Apple and CP/M on IBM PC.

The Diamond 3 makes life simpler. It provides all three, using the IBM PC, a product that has emerged as the market leader in personal computers. Now users of the IBM PC can run a wide range of programs. Games and educational software for the Apple II (an added plus is that Apple joysticks can be used with the Diamond 3). Business applications written for CP/M machines. Programs for the IBM PC.

Which means you'll be selling more Apple and CP/M programs plus you'll be selling a lot of Diamond 3.

### THE DIAMOND-3

- o Z80A - 4MHz for CP/M mode  
6502 - 1MHz for Apple mode  
6502 - 1MHz display controller
- o Internal Memory  
64 K Bytes dynamic RAM  
18 K Bytes Static RAM  
4 K Bytes ROM
- o User Memory  
64 K Bytes RAM plus 16 K bank-switched for language card  
Three types of display mode
- o Display format  
Page size: 24 lines x 80 columns\*  
              24 lines x 40 columns  
Character matrix 5x 7 dots  
Graphics: 280 x 192 dots  
16-color
- o Monochrome, RGB or composite display
- o Supports upper and lower case characters
- \* An 80-column display and RAM-Disk function using the IBM PC memory expansion board will be supported in the second quarter of 1984.

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- o Operating Systems: CP/M, Apple
  - o Languages: FORTRAN, PASCAL, ASSEMBLER and others
  - o Supports IBM PC 5¼" drive, keyboard and speaker in both Apple and CP/M mode.
  - o Supports IBM PC and Apple game I/O
  - o Optional boot program allows Apple programs to be started from either PC-DOS or CP/M-86

- \* IBM PC is a registered trade mark of international business machines
- \* Apple is a registered trade mark of Apple Computer Inc.
- \* CP/M is a registered trade mark of Digital Research Corporation

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The Newtek Group is an international Research and Development company based in Santa Clara and specializing in innovative and high-quality applications of microcomputer technology. Other products available from the group include graphics printers and plotters, high-resolution color monitors, monochrome monitors and ruggedized microcomputer systems.